

Worksheet

Documentation of Land Use Plan Conformance and NEPA Adequacy (DNA)

U.S. Department of the Interior
Bureau of Land Management (BLM)

Note: This worksheet is to be completed consistent with the policies stated in the Instruction Memorandum entitled Documentation of Land Use Plan Conformance and National Environmental Policy Act (NEPA) Adequacy transmitting this worksheet and the Guidelines for Using the DNA Worksheet located at the end of the worksheet. (Note: The signed CONCLUSION at the end of this worksheet is part of an interim step in the BLM's internal analysis process and does not constitute an appealable decision.)

A. BLM Office: AZ 130

Lease/Serial/Case File No. DNA-AZ-130-2005-0033

Proposed Action Title/Type: Grand Canyon-Parashant National Monument (GCPNM) Wildlife Water Catchment Maintenance

Location of Proposed Action:

- Dellenbaugh Wildlife Catchment. T32N, R12W, S34, SWSE
- Ferguson Pockets South Wildlife Catchment. T34N, R14W, S09, SESW
- Mud Mountain #1 Wildlife Catchment. T37N, R15W, S01, SESE
- Mud Mountain #2 Wildlife Catchment. T37N, R14W, S04, NWSW
- Overlook Wildlife Catchment. T34N, R14W, S31, NENE
- Sanup Wildlife Catchment. T32N, R14W, S25, NWSE
- Tincanbitts Wildlife Catchment. T32N, R13W, S34, SWSE
- Tweedie Hollow Wildlife Catchment (GWC #1). T37N, R13W, S29, SWSW
- Whitmore #1 Wildlife Catchment. T34N, R10W, S22, NESE

Description of the Proposed Action: Maintain and repair as needed the listed wildlife water catchments in the GCPNM for their useful lifespan. The work would be conducted by AGFD and BLM personnel.

Applicant (if any): _____

B. Conformance with the Land Use Plan (LUP) and Consistency with Related Subordinate Implementation Plans

LUP Name* Arizona Strip District Resource Management Plan (RMP) and Final Environmental Impact Statement

Date Approved 1992

LUP Name* Black Rock HMP Revision

Date Approved 1992

LUP Name* The Parashant Habitat Management Plan (HMP)

Date Approved 11/82

LUP Name* Mt. Trumbull HMP

Date Approved 2/77

Other document** _____ Date Approved

*List applicable LUPs (e.g., Resource Management Plans or applicable amendments).

**List applicable activity, project, management, water quality restoration, or program plans.

The proposed action is in conformance with the applicable LUPs because it is specifically provided for in the following LUP decisions:

Arizona Strip RMP: Table II-1. Manage identified bighorn sheep habitat as outlined in the HMPs and the Bureau's Rangewide Plan for Desert Bighorn Sheep to achieve and maintain optimum numbers and distribution of bighorn populations in the Paria, Kanab Creek, Virgin Mountains and Grand Wash Cliffs.

An active program is in effect involving planning, construction and maintenance of habitat improvement projects covered in the HMPs.

Cooperatively with the AGFD maintain monitoring of bighorn sheep and their habitats.

p.III-22. Completed projects benefiting bighorn sheep include the construction of 17 water catchments and developments.

p.III-22. Several waters have been constructed to assure reliable water in turkey habitat.

The proposed action is in conformance with the LUP, even though it is not specifically provided for, because it is clearly consistent with the following LUP decisions (objectives, terms, and conditions) and, if applicable, implementation plan decisions:

Black Rock HMP Revision: WD2b. Construct new wildlife waters contingent upon biological need, compatibility with wilderness objectives, and construction feasibility.

Mt. Trumbull HMP: p.14. Whitmore #1 catchment to be constructed in FY 1977.

II.B.1. Increase mule deer carrying capacity from 2000 to 4000 deer yearlong by improving the habitat.

II.B.6. Increase mule deer production and fawn survival rate.

Parashaunt HMP: pp. 47-49. Construct the following catchments: Dellenbaugh, Ferguson Pockets South, Sanup, Tincanibits.

MD-1a. Insure that adequate water sources are provided year round by 1988 to support a maximum population of 2200 mule deer throughout the HMP area.

BS-2. Provide adequate water for bighorn sheep yearlong in potential sheep habitat by 1988.

T-1. Provide sufficient water sources throughout turkey habitat prior to 1988.

C-2. Ensure that any water development in the lower cliffs is accessible to chukars.

C. Identify the applicable NEPA document(s) and other related documents that cover the proposed action.

List by name and date all applicable NEPA documents that cover the proposed action.

- Dellenbaugh - EAR Parashaunt HMP AZ-010-82-300
- Ferguson Pockets South -EA Ferguson Pockets South WLC AZ-10-85-459, EAR Parashaunt HMP AZ-010-82-300
- Mud Mountain #1- EA Black Rock HMP Revision AZ-010-92-026

- Mud Mountain #2 – EA Black Rock HMP Revision AZ-010-92-026
- Overlook – EA Overlook Wildlife Catchment AZ-010-85-467
- Sanup - EAR Parashaunt HMP AZ-010-82-300
- Tincanebitts - EAR Parashaunt HMP AZ-010-82-300
- Tweedie Hollow – EA Black Rock HMP Revision AZ-010-92-026
- Whitmore #1 – EAR Mt. Trumbull HMP AZ-010-6-106
- EAR Water Catchment Program Arizona Strip District AZ-010-79-173

Cultural Clearance File Numbers:

- Dellenbaugh – 1982-094
- Ferguson Pockets South – 1986-050
- Mud Mountain #1 – 1976-017
- Mud Mountain #2 – 1976-018
- Overlook – 1985-050
- Sanup – 1986-041
- Tincanebitts – 1984-062
- Tweedie Hollow – 1983-019
- Whitmore #1 – 1976-055

List by name and date other documentation relevant to the proposed action (e.g., source drinking water assessments, biological assessment, biological opinion, watershed assessment, allotment evaluation, rangeland health standards assessment and determinations, and monitoring the report).

D. NEPA Adequacy Criteria

1. Is the current proposed action substantially the same action (or is a part of that action) as previously analyzed?

Documentation of answer and explanation:

Yes. The proposed action is to maintain and repair these catchments as needed to return them to the original working order that was previously analyzed. Failure to maintain and repair these catchments would basically be reverting to the “no action” alternative that was previously analyzed and not chosen.

Black Rock HMP Revision AZ-010-92-026.

WD1a – Inspect and maintain wildlife water developments at least biennially.

WK2a – Inventory, identify, and repair water developments which are unreliable or which pose access or other hazards to wildlife.

EA Record Parashaunt HMP AZ-010-82-300.

1. Water Developments – Mandates the construction of Mt. Dellenbaugh, Sanup, Ferguson Pockets, and Tincanebitts wildlife catchments for the benefit of mule deer, bighorn sheep, and turkey.

EAR Water Catchment Program Arizona Strip District AZ-010-79-173.

P 3. The purpose of these water catchments is to provide more dependable water sources in

areas that are lacking in water at present and no other feasible alternative or obtaining water is available.

2. Is the range of alternatives analyzed in the existing NEPA document(s) appropriate with respect to the current proposed action, given current environmental concerns, interests, resource values, and circumstances?

Documentation of answer and explanation:

Yes. A wide range of alternatives were analyzed in the existing NEPA documents including no action, different sites, different styles of catchments, and different means of access (vehicle, foot, and helicopter).

3. Is the existing analysis adequate and are the conclusions adequate in light of any new information or circumstances (including, for example, riparian proper functioning condition [PFC] reports; rangeland health standards assessments; Unified Watershed Assessment categorizations; inventory and monitoring data; most recent Fish and Wildlife Service lists of threatened, endangered, proposed, and candidate species; most recent BLM lists of sensitive species)? Can you reasonably conclude that all new information and all new circumstances are insignificant with regard to analysis of the proposed action?

Documentation of answer and explanation:

Yes. New circumstances since existing analyses were completed include the designation of the area as a National Monument; the presence of California condors, an Endangered Species Act 10(j) status species; and Executive Order 13186, issued by President Clinton on 1/10/01. The proposed action is expected to have no effect on these new circumstances.

The GCPNM was created by Presidential Proclamation on January 11, 2000. No new roads or trails would be created to access the catchments, and no new footprints of catchments on the ground would be created which would impact the Monument. No impacts to Monument Objects are anticipated.

Maintenance and repair of water catchments would have no effect on California condors, following the Condor Conservation Measures listed in Section F.

Executive Order 13186 directs federal agencies taking actions which may negatively affect migratory birds to develop an agreement with the USFWS to conserve those birds. Birds and other wildlife can become trapped and drown in water catchment tanks. All tank drinkers accessible to wildlife for the catchments considered in this DNA are at ground level and have sloping, roughened bottoms. The ASFO and AGFD are also actively engaged in fitting all water tanks on the Arizona Strip with escape ladders for birds and other small wildlife species.

4. Do the methodology and analytical approach used in the existing NEPA document(s) continue to be appropriate for the current proposed action?

Documentation of answer and explanation:

Yes. No new technologies or methods have been developed for analyzing water catchments.

5. Are the direct and indirect impacts of the current proposed action substantially unchanged from those identified in the existing NEPA document(s)? Does the existing NEPA document sufficiently analyze site-specific impacts related to the current proposed action?

Documentation of answer and explanation:

Yes. Existing NEPA documents analyze impacts from the catchments and their construction on vegetation, wildlife, threatened and endangered species, cultural resources, visual resources, livestock grazing, and recreational opportunities.

6. Can you conclude without additional analysis or information that the cumulative impacts that would result from implementation of the current proposed action are substantially unchanged from those analyzed in the existing NEPA document(s)?

Documentation of answer and explanation:

Yes. Cumulative impacts from the catchments being in proper working order are the impacts that were analyzed in the existing NEPA documents. Impacts from catchments that once worked and have now ceased to function were not analyzed.

Cumulative impacts from maintaining these nine wildlife water catchments can be expected to be negligible in addition to the 733 total water developments and 81 total wildlife catchments in the GCPNM. Failure to implement the proposed action could have a negative effect on wildlife in the GCPNM.

7. Are the public involvement and interagency review associated with existing NEPA document(s) adequate for the current proposed action?

Documentation of answer and explanation:

Yes. Standard interagency reviews were done on all available NEPA documents. The Parashant HMP Public Affairs Plan provides for news releases for catchment development. The Black Rock HMP Revision was reviewed by numerous AGFD and BLM personnel. The Mt. Trumbull HMP section VI states that all elements of this plan are subject to annual review by BLM and AGFD. The Arizona Strip RMP included extensive public involvement.

E. Interdisciplinary Analysis: Identify those team members conducting or participating in the preparation of this worksheet.

Required reviews:

- Gloria Benson, Native American Coordinator
- Dennis Curtis, GCPNM Monument Manager
- Tom Folks, Recreation
- Laurie Ford, Lands/Realty/Minerals
- Michael Herder, Wildlife

- John Herron, Cultural
- Lee Hughes, Plants
- Ray Klein, GCPNM Supervisory Ranger
- Linda Price, S&G
- Bob Sandberg, Range
- Richard Spotts, Environmental Coordinator
- Roger Taylor, Arizona Strip Field Manager
- Ron Wadsworth, Supervisory Law Enforcement

F. Mitigation Measures: List any applicable mitigation measures that were identified, analyzed, and approved in relevant LUPs and existing NEPA document(s). List the specific mitigation measures or identify an attachment that includes those specific mitigation measures. Document that these applicable mitigation measures must be incorporated and implemented.

Mt. Trumbull HMP, Appendix I: All water developments will be located so as to minimize their adverse impact on scenic values.

EAR Water Catchment Program: Eight possible mitigation measures are listed that apply primarily to initial catchment construction.

Black Rock HMP Revision, Mitigating Measures – Proposed Action:

- a. Disturbances to soil and vegetation will be limited to the degree necessary to accomplish the project.
- b. Access to project sites will be by vehicle on existing roads and trails, on foot or by helicopter.
- d. Complete clean up of each project site and campsite will occur after maintenance or construction is completed.
- f. No cultural resources will be collected or disturbed at project sites, campsites, or elsewhere in the area. Disturbance will be kept within levels determined in the project description and EA.

EA Overlook Wildlife Catchment:

1. Paint the apron and all above-ground structures with a camouflage pattern using dark flat green, black and sand brown colors, as appropriate to be least visible from a distance. Position the apron as much as possible to be hidden from view from a distance; slope toward cliffs.
2. Remove all waste materials from the site.
3. Use a helicopter to ferry crew and materials to the site.
4. Leave any trees or shrubs in place as much as possible to screen the apron from view from a distance.
5. Do not fence this catchment; areas is inaccessible to livestock.

EA Ferguson Pockets South:

1. Paint the apron (and tanks, if above ground) a camouflage pattern using flat dark green, black and sand brown colors.
2. Remove all waste materials from the site.
3. Leave as many shrubs around the apron as possible to screen the project from view. Place the apron and tanks in such a manner and location as to minimize visibility, especially to the west and north.

The following Condor Conservation Measures would be implemented when applicable:

CC-1B. Immediately prior to the start of a permitted project, BLM will contact personnel monitoring California condor locations and movement on the Arizona Strip to determine the locations and status of condors in or near the project area.

CC-2B. Where California condors visit a worksite while activities are underway, the on-site supervisor will notify the BLM wildlife team lead or condor biologist. Project workers and supervisors will be instructed to avoid interaction with condors. Project activities will be modified, relocated, or delayed if those activities could have adverse effects on condors. Operations will cease until the bird leaves on its own or until techniques are employed by permitted personnel which results in the individual condor leaving the area.

CC-3B. Where condor nesting activity is known within 0.5 miles of activities that include operation of heavy machinery, BLM will direct the operator to cease equipment use during the active nesting season (February 1- November 30) as long as the nest is viable. Where feasible and consistent with NEPA, BLM may relocate operations to a site greater than 0.5 miles from the condor nest site.

CC-5C. The project site will be cleaned up at the end of each day the work is being conducted (e.g., trash removed, scrap materials picked up) to minimize the likelihood of condors visiting the site. BLM staff may conduct site visits to the area to ensure adequate clean-up measures are taken.

CC-8C. Aircraft use along the Vermilion Cliffs, Paria Plateau, or any sites where condors are actively breeding or roosting will be minimized to the extent possible. Known active nest sites will be avoided.

CC-9C. The BLM condor biologist or Wildlife Program Lead will contact the Peregrine Fund, as appropriate, immediately before operations involving aviation begin to check on possible locations of condors in the subject area.

CC-10C. All BLM-authorized aviation personnel will be provided literature and/or instructed regarding condor concerns prior to conducting aerial operations.

CC-11C. Aircraft will maintain and maximize safe flying separation distances from condors in the air or on the ground unless safety concerns override this restriction. If airborne condors approach aircraft, aircraft will give up airspace to the extent possible, as long as this action does not jeopardize safety. Aircraft will keep a minimum of 0.25 miles away from condors located on the ground.

CONCLUSION

Based on the review documented above, I conclude that this proposal conforms to the applicable land use plan and that the existing NEPA documentation fully covers the proposed action and constitutes BLM's compliance with the requirements of NEPA.

Note: If one or more of the criteria are not met, a conclusion of conformance and/or NEPA adequacy cannot be made and this box cannot be checked

Signature of the Responsible Official

Date

R16W

R15W

R14W

R13W

R12W

R11W

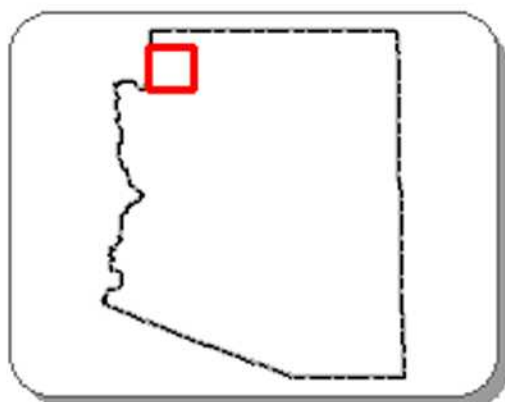
R10W

R09W

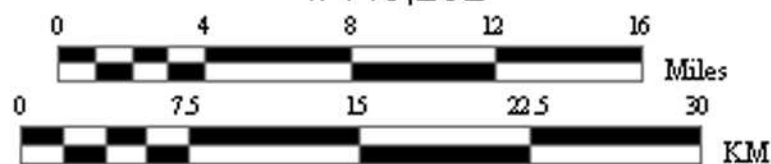


Legend

Bureau of Land Management	National Park Service	National Forest
State Lands	National Recreation Area	National Forest Wilderness
Private Lands	Indian Lands	Military Reservation



1:443,232



United States Department of the Interior
Bureau of Land Management
Arizona Strip Field Office

Map created on Apr 21, 2005



CAUTION:

Land ownership data is derived from less accurate data than the 1:24,000 scale base map. Therefore, land ownership may not be shown for parcels smaller than 40 acres, and land ownership lines may have plotting errors due to source data.

No warranty is made by the Bureau of Land Management for the use of the data for purposes not intended by the BLM.